

19970825.ba v01_n638.bam.970825 v01_n639.bam.970825

>From ???@??? Mon Aug 25 08:11:43 1997
Message-Id: <199708250504.AAA07008@sco.theporch.com>
Date: Mon, 25 Aug 1997 00:04:33 CDT
Subject: BOATANCHORS digest 1638

BOATANCHORS Digest 1638

Topics covered in this issue include:

- 1) Dave's comment on mode wars
by "Larry" <rau@wco.com>
- 2) FS: Nice Collins 32S-1 SSB/CW transmitter
by Michael Crestohl <mc@shore.net>
- 3) FS: F 455 J 05 mechanical filter (for 75A-4)
by Michael Crestohl <mc@shore.net>
- 4) Millen GDO, etc. *SOLD*
by bocks@erols.com
- 5) Millen GDO, etc. *SOLD*
by bocks@erols.com
- 6) Weekend swapnet listings
by Mike Warren <m_warren@compuserve.com>
- 7) Re: Navy RCH RCVR questions/comments
by Lenox Carruth <carruth@swbell.net>
- 8) NC300/303 VHF convertor enclosure?
by john <johnmb@mindspring.com>
- 9) Millen Freq Meter Setfor Sale
by "Robert S. Ross" <radiorob@serix.com>
- 10) 2 NEW TOYS ARRIVE....COLLINS..&
by Robert Fowle <hammarlund@jacksonmi.com>
- 11) Eugene Rippen
by "michael ferraro" <ferraro@sprintmail.com>
- 12) Clements Mfg of St. Louis and the Mosely CM-1
by Mike Sanders <k0az@i1.net>
- 13) Trade 75A-4 filters
by W4UOC@aol.com
- 14) Hamfest Report: Mullica Hill, NJ
by "John H. Dilks III" <oldradio@worldnet.att.net>
- 15) Need Filter Caps
by Sandra L Knepper <slkst29+@pitt.edu>
- 16) FS: Collins 75S3C
by CADV16@aol.com
- 17) Re: NC300/303 VHF convertor enclosure?
by Sheldon Wheaton <swheaton@sky.net>
- 18) Re: NC300/303 VHF convertor enclosure?
by Mike Sanders <k0az@i1.net>
- 19) Re: NC300/303 VHF convertor enclosure?

- by "John Goller" <k9uwa@cris.com>
- 20) Drake CW set up.
by "Cal J. Eustaquio" <ceustaqu@polymail.cpunix.calpoly.edu>
- 21) NIB 1L6 Tube for Sale/Trade
by "Robert S. Ross" <radiorob@serix.com>
- 22) Re: 2 NEW TOYS ARRIVE....COLLINS..&
by Bob Roehrig <broehrig@admin.aurora.edu>
- 23) Bliley "E" Award
by Gerry Maira <gm@netsync.net>
- 24) Kwm-2; SR-2000 ; Clegg Appollo Six, Yaseau 757GX for sale!
by Mike Sullivan <michaels@kc2kj.k2nesoft.com>
- 25) Apollo Six Price ----
by Mike Sullivan <michaels@kc2kj.k2nesoft.com>
- 26) Harvey Wells R9A.....Sorry guys
by Mike Sanders <k0az@i1.net>
- 27) RTTY controller
by "Eric A. Jones" <eaj@hiwaay.net>

Date: Sat, 23 Aug 1997 23:11:51 -0700
From: "Larry" <rau@wco.com>
To: "boatanchors" <boatanchors@theporch.com>
Subject: Dave's comment on mode wars
Message-ID: <199708240513.WAA26070@shell.wco.com>

yes 1958 -59 sounds about right.. I was listening on an RAL-7 which is a
gian submarine TRF reciever with a Regen detector and a BFO ! Now That was
a boat anchor.. and a wonderful piece of machinery.

Your comments and quotes from the big guns are fascinating dave.. thanks.

Larry W6WUH

Date: Sun, 24 Aug 1997 07:52:21 -0400 (EDT)
From: Michael Crestohl <mc@shore.net>
To: boatanchors@theporch.com
Subject: FS: Nice Collins 32S-1 SSB/CW transmitter
Message-ID: <199708241152.HAA06334@northshore.shore.net>

FOR SALE: COLLINS 32S-1 SSB/CW Transmitter, serial number 3086. It is, of
course, a Winged emblem.....

This is a fine example of an early S-Line transmitter in extremely clean
condition cosmetically and electrically. There have been no modifications

to its circuitry.

I would appraise its condition as 8.5 to 9.0 on a scale of 10. The CCA grade equivalent would be between EXC and VG.

Price is \$350.00 plus UPS charges.

A 516F-2 AC supply (Winged emblem) is available with the transmitter at \$150.00 plus UPS. Sorry, I will not sell the supply separately until the 32S-1 is sold to allow the new owner the option of purchasing it. However, I will keep a list of those interested so please feel free to respond if you want the supply only.

If interested please reply by e-mail.

73,

Michael Crestohl, W1RC
mc@shore.net

Date: Sun, 24 Aug 1997 07:59:12 -0400 (EDT)
From: Michael Crestohl <mc@shore.net>
To: boatanchors@theporch.com, collins@listserv.tempe.gov
Subject: FS: F 455 J 05 mechanical filter (for 75A-4)
Message-ID: <199708241159.HAA06836@northshore.shore.net>

I have a COLLINS 500 cycle mechanical filter for the 75A-4 available for sale.. It is the F 455-J-05 filter, part number 526 9154 00.

For those who care about these things the case is shiny and the label is perfect.

Price is \$200 plus \$5.00 for Priority Post and full value insurance. It will be packed very well and safe delivery is guaranteed.

Please reply by e-mail if interested.

73,

Michael Crestohl, W1RC
mc@shore.net

Date: Sun, 24 Aug 1997 08:37:18 -0700
From: bocks@erols.com

To: boatanchors@theporch.com
Subject: Millen GDO, etc. *SOLD*
Message-ID: <3400552E.5CEE@erols.com>

.....to Grant, NQ5D.

73,

Paul, K4MSG

Date: Sun, 24 Aug 1997 08:38:05 -0700
From: bocks@erols.com
To: boatanchors@theporch.com
Subject: Millen GDO, etc. *SOLD*
Message-ID: <3400555D.1284@erols.com>

.....to Grant, NQ5T.

73,

Paul, K4MSG

Date: Sun, 24 Aug 1997 10:34:57 -0400
From: Mike Warren <m_warren@compuserve.com>
To: ba-list <boatanchors@sco.theporch.com>
Subject: Weekend swapnet listings
Message-ID: <199708241035_MC2-1E13-A3E9@compuserve.com>

Good Morning All,

Here are this weekend's midwest swapnet listings:

1. Drake TR-4 with A/C supply and Spkr, \$200. Harv, 608/868-3503.
2. Manual for 75A4, \$offer. Bob, 414/628-9045.
3. Hallicrafters S-19. Gary, 612/645-3549.
4. Globe King 400's (three!). Jim, 309/799-7447.
5. General Radio 650 (LCR bridge?), \$60. Bill, 612/472-3033.

73,

Mike Warren - W5MAZ (in MN)

+++++
+ Looking for a Hallicrafters HT-31 Amp. +
+++++

Date: Sun, 24 Aug 1997 10:28:04 -0500
From: Lenox Carruth <carruth@swbell.net>
To: broehrig@admin.aurora.edu
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Navy RCH RCVR questions/comments
Message-ID: <34005304.CF6@swbell.net>

Bob Roehrig wrote:

> One question I have is about refinishing the front panel. This is a black
> rack panel and the lettering is the raised surface of the metal itself.
> How does one repaint such a thing? Just paint it and try and sand the
> paint off the raised lettering?

Bob, this is really the easiest type of panel to refinish. If the panel is smooth, you can spray it with the proper color and then use a combination of techniques to remove the paint from the lettering. I find that a curve Xacto knife can be used to scrape the paint off the letters without as much risk to the overall finish as using sandpaper. very fine emery cloth can be used if you need it but this is slow compared to the knife. You must be careful and take your time. If you get in a hurry, you will usually slip and mess up the finish.

This technique also works very well with data plates that have raised lettering. Even damaged plates can be restored using the knife as you can remove paint from damaged areas in approximately the same pattern as the original lettering. I have done this on radios, dynamotors, aircraft, etc. One of the best looking I ever did was on a friend's BT-13. The original Vultee data plate was multi-colored. I did the restoration in the original colors and it was really beautiful. I usually spray data plates with a clear coat when I am finished. You have to do this on the brass ones or they will quickly tarnish.

I have not tried it with wrinkle finishes. I suspect that you should let a wrinkle finish dry for several days as they tend to be fairly soft untill they are really dry.

Let me know how it works out.

--

Lenox

Lenox Carruth, Jr. carruth@swbell.net
Dallas, Texas
Collector of WW-II Communications Equipment and Memorabilia

Wanted: TCS-14 Transmitter, TBX, BD-71, Sextant

Date: Sun, 24 Aug 1997 15:36:33 -0400
From: john <johnmb@mindspring.com>
To: boatanchors@theporch.com
Subject: NC300/303 VHF convertor enclosure?
Message-ID: <199708241940.PAA17993@brickbat8.mindspring.com>

Hello Boat Folk,

I've amassed a NC300 and a couple of the VHF convertors,
my question being, was there a housing that these went into?

If so, I'd love to find one (along with others, no doubt!)
/John

+-----
| John Brewer- WB50AU/4
| AMI #24 Vintage Radio Website
| <http://www.mindspring.com/~johnmb/>
+-----

Date: Sun, 24 Aug 1997 16:39:06 GMT
From: "Robert S. Ross" <radiorob@serix.com>
To: boatanchors@sco.theporch.com
Subject: Millen Freq Meter Setfor Sale
Message-ID: <3.0.16.19970824155836.18af3f0e@serix.com>

Hello:

I have a set of Millen Frequency meter Coils for sale. These are the
Signal Corps-US Army Order # 30949 Philadelphia 1943. Millen Model # is
90601. Set of 4 Absorption coils covering 1.5 Mcs to 42 Mcs. Housed in a
Green Wrinkle Painted metal box with handle. Black Plastic knobs on the
coils with metal pointers.

VG Condition. Clean.

PRICE.....\$25.00 USA Plus \$5.00 Shipping.

Please email me direct at..... radiator@serix.com to reserve this set of coils.

Thanks...73...ROB.

Date: Sun, 24 Aug 1997 16:34:57 -0400
From: Robert Fowle <hammarlund@jacksonmi.com>
To: boatanchors@theporch.com
Cc: BOATANCHORS@LISTSERV.TEMPE.GOV
Subject: 2 NEW TOYS ARRIVE....COLLINS..&
Message-ID: <34009AF1.5D8B@jacksonmi.com>

well just wanted to share my good fortune with you all.
today my new toys arrived..via a friend ...delivery
toy 1. a collins 212S-1 stereo broadcast console..cir. 1967
R.E. ..has provisions for:
10 local stereo inputs, 1 network input, & 4 stereo remote inputs.
150/600 ohm output, 10 watt monitor amp, cue, control relays, &
intercommunication system incorporated...
even came with original manual..
needs usual cleaning...very nice potential tho...
size: 37 3/16" wide x 17 13/16" footprint x 14 1/2" top
weight:HEAVY! took 2 of us to carry it...

toy 2. an LPB Signature S-15 8 channel console..cir 1973
has provisions for:
4 or more mic inputs, 15 hi level inputs, equalized gain in program &
audition, remote line talk-back, 3 OTA light & speaker muting relays
size: 32" W X 14.5" D X 9" H
WEIGHT: heavy, but nothing compared to the Collins...I carried it alone.
oh, it also has original manual...
it looks suspiciously like RCA, it uses thier knobs, and they are
original according to pic in manual..
now, all i need is to gather the rest of what i need to put a real (low
power) BC station on the air...(no license required if below 100 watts
according to new ruling by FCC..just need to find out in what band(s) or
segments of..

--

Best Regards Robert Fowle KC8DBC
my shipping address is: 1215 Winifred..Jackson, Mich. 49202-1946
ICQ web pager: <http://www.mirabilis.com/649056>
My Web Page: <http://www.jacksonmi.com/hammarlund>

Date: Sun, 24 Aug 1997 13:16:00 -0700
From: "michael ferraro" <ferraro@sprintmail.com>
To: "Boatanchor Mailing Group" <boatanchors@theporch.com>
Subject: Eugene Rippen
Message-ID: <199708242024.NAA05830@mailgate31>

gene: i lost your email address...did you receive my reply to your last email ?

de mike k6zsr

Date: Sun, 24 Aug 1997 15:32:57 -0500
From: Mike Sanders <k0az@i1.net>
To: boatanchors@theporch.com
Subject: Clements Mfg of St. Louis and the Mosely CM-1
Message-ID: <3.0.16.19970824153246.2e97b486@i1.net>

Greetings All,

While at the St. Chas, MO hamfest this morning I found a fella with what looked like a new Clements signal generator model 83C. It was new. He just built it. The man was the owner of this company. The new just recently built generator is another story that I will tell later. Also later after talking to John on the phone as agreed to by him I will post a note about the Mosely CM-1. John built the thing and took it to Carl Mosely to market. Of course they did. John wanted Carl to use his original designator/model on the receiver of CM-1 for Clements Mfg. Carl said that since his initials were CM he liked the idea just fine. The rest is of course history. I will talk to John on the phone in the near future and take notes so I can relay his story to the list.

The hamfest was ok but down a bit from previous years (looks like a trend all over). No Drake or Collins that I could see. A few BAs but nothing really to talk about. I almost bought a pretty nice Harvey Wells R9A receiver at 75 bux. But I am getting close to space max and have another transceiver coming soon so I passed on it. I did pick up a large quantity of sprague caps at various voltages and ratings. All new of course and probably 200 or more. 8 or 9 multi section cans of mostly 450 volt varieties. A truey sweet Triplet 630 for 10 bux. Even got the probes! A little Ameco PCL-P receiver nuvistor preamp for 10 bux was about it for me. Did more talking and visiting than buying and selling this time. Enjoyed it. More to follow on the Mosely CM-1

73, Mike K0AZ

K0AZ formerly KS0F, N0ARH, K4KJG, K0TPW.

Mike Sanders 3409 Henry Dr. Imperial, MO 63052 314-282-0787

6 Meters VUCC #605 503 grids confirmed 47 countries 49 states 4 continents
E skip only

2 Meters VUCC #447 189 grids confirmed 3 countries 44 states 1 continents
Terrestrial only

Satellite VUCC #39 (mode A only)

Above stats since Feb 95

6 Meter power 170 watts. Max antenna height 57 feet. Max boom length 20 feet.

2 Meter power 170 watts. Max antenna height 62 feet. Max boom length 15 feet.

Date: Sun, 24 Aug 1997 16:36:48 -0400 (EDT)

From: W4UOC@aol.com

To: boatanchors@theporch.com

Subject: Trade 75A-4 filters

Message-ID: <970824163636_-33034246@emout01.mail.aol.com>

I have for trade a 500cycle mechanical filter and would like to trade for a 6khz filter for the 75A-4.

Tom Koch - W4UOC

(770) 730-8136

w4uoc@aol.com

Date: Sun, 24 Aug 1997 21:06:41 +0000

From: "John H. Dilks III" <oldradio@worldnet.att.net>

To: boatanchors@theporch.com

Subject: Hamfest Report: Mullica Hill, NJ

Message-ID: <19970824210639.AAA5213@LOCALNAME>

Hamfest Report: Mullica Hill, NJ

I arrived at 5:00 a.m. and setup to sell in the dark. I wasn't planning on doing any buying, but things found their way to me. (I must be an old radio magnet?) Anyway, here's what followed me home, --biggie first--

1) A Patterson PR-10 ham receiver - dusty, some scratches, missing front pannel screws; but it was all there. No extra holes, no

modifications, all knobs there, chrome plated (dusty) chassis, just one tube missing. This is one restoration project I'm looking forward to. [WANTED - Manual copy PR-10] My immediate tailgate neighbor told me it was for sale in the row behind.

2) A nice 737A Shure Microphone on an Electrovoice stand. It looks like new. This came from a tailgater two spots down. He saw me selling a couple of mikes and thought I might be interested. I was!

3) At 10:00 a.m., N2JTD - Paul, watched my table for about 10 minutes, and a Crosley 515 miniature Tombstone radio called to me. It was so lonely and wanted a new home. So I adopted it.

4) I found a few nice old books during that same 10 minute walk around (actually up to about 20 minutes by now).

*** Note:) At 11:00 a.m. someone told me the NJ Tax boys were going around, hasseling some sellers - allegedly forcing them to pay \$125 in cash (no checks) or go to jail. Bummer! I sure hope this doesn't continue; it'll ruin hamfesting.

5) As I'm packing up, the same seller who sold me the Patterson earlier, hollered over that he had some additional antique radios for sale -- so over I went. A fairly clean Radiola II had been dropped off by a friend, for him to sell, a few minutes earlier. It needed someone who would care for it. I bought it too.

Not too bad for someone just going to sell.

Other BA items seen on my 10-20 minute walk around: R-388 parts set - \$150, SP-600 with a crystal problem - \$200., one seller had a bunch (40 to 50) aircraft radios - some old some newer, Viking I w/VFO, several Hallicrafters: S-38, S-40, S-96, Skybuddy.

One seller had a National NC-98 for \$50 - working and it didn't sell? It looked clean enough to me. Somehow I passed on this one.

All in all, it was a great (small) hamfest and the weather cooperated by being in the 70's.

Oh yes, I almost forgot an important point! The hamfest crew had several gals walk around selling coffee, pastries and donuts to sellers at 7:30 a.m. and again later. This was a nice touch and was really appreciated by all.

73' John Dilks, K2TQN

|-----|
| http://www.eht.com/oldradio |

| There's always something new about old radio on our Web Page. |
| Updated August 19, 1997 - Please visit. |
'-----'

Date: Sun, 24 Aug 1997 17:33:30 -0400 (EDT)
From: Sandra L Knepper <slkst29+@pitt.edu>
To: boatanchors@theporch.com
Subject: Need Filter Caps
Message-ID: <Pine.GS0.3.96L.970824173125.21774K-100000@unixs1.cis.pitt.edu>

I am looking for electrolytics rated at 90 Mfd. at 450 volts with the twist lock type for a Hallicrafter SR-2000 matching power supply. I need eight.

Thank you.

Dave, W3BJZ

Date: Sun, 24 Aug 1997 18:14:15 -0400 (EDT)
From: CADV16@aol.com
To: boatanchors@theporch.com
Subject: FS: Collins 75S3C
Message-ID: <970824181414_774506591@emout09.mail.aol.com>

For Sale: Collins 75S3C receiver. For details email: Elliott Klein
CADV16@AOL.COM, asking \$1,000.

Date: Sun, 24 Aug 1997 18:19:37 -0500 (CDT)
From: Sheldon Wheaton <swheaton@sky.net>
To: john <johnmb@mindspring.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: NC300/303 VHF convertor enclosure?
Message-ID: <Pine.GS0.3.96.970824181437.10069C-100000@sky.net>

On Sun, 24 Aug 1997, john wrote:

>

> I've amassed a NC300 and a couple of the VHF convertors,

> my question being, was there a housing that these went into?

John & the list:

I received an answer to the same question from Kevin (KG9IL@aol.com) as follows:

>Date: Mon, 17 Feb 1997 15:35:43 -0500 (EST)

>

>Yes, the converters fit in a box that was identical in size to the
>speaker. I have seen this box called the NC-300CC or the NC-300 Converter
>Cabinet.

I was fortunate enough to find the cabinet, but it is missing the 220MHz converter, so I'm interested in locating one of them myself!

-Sheldon

Date: Sun, 24 Aug 1997 18:38:27 -0500

From: Mike Sanders <k0az@i1.net>

To: swheaton@sky.net, Old Tube Radios <boatanchors@theporch.com>

Subject: Re: NC300/303 VHF convertor enclosure?

Message-ID: <3.0.16.19970824183814.2e9faeec@i1.net>

Greetings All, An octal connector to the back of the NC300 and an if cable from this cabinet do it. It has a single switch same as the band selector on the receivers. The switch takes you from hf through the (up to) 3 converters. So it is a no cable change operation. Obviously your antenna for each band goes to the converters. Pretty neat and also quite good converters. I have a 300 that I have done the agc mods to and a loaded converter console as well as speaker.

73, Mike K0AZ

K0AZ formerly KS0F, N0ARH, K4KJG, K0TPW.

Mike Sanders 3409 Henry Dr. Imperial, MO 63052 314-282-0787

6 Meters VUCC #605 503 grids confirmed 47 countries 49 states 4 continents
E skip only

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Terrestrial only

Satellite VUCC #39 (mode A only)

Above stats since Feb 95

6 Meter power 170 watts. Max antenna height 57 feet. Max boom length 20 feet.

2 Meter power 170 watts. Max antenna height 62 feet. Max boom length 15 feet.

Date: Sun, 24 Aug 1997 23:42:49 +0000
From: "John Goller" <k9uwa@cris.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: NC300/303 VHF convertor enclosure?
Message-ID: <199708242342.TAA04388@mcfeely.concentric.net>

> >Yes, the converters fit in a box that was identical in size to the
> >speaker. I have seen this box called the NC-300CC or the NC-300 Converter
> >Cabinet.

>
> I was fortunate enough to find the cabinet, but it is missing the 220MHz
> converter, so I'm interested in locating one of them myself!

>
> -Sheldon
You guys missed this one...I bought one in Dayton this year on
Saturday afternoon for a friend that is a "National Collector".....complete
box with all 3 converters in working condition \$110.
de John K9UWA
John K9UWA

k9uwa@cris.com

Date: Sun, 24 Aug 1997 16:47:17 -0700 (PDT)
From: "Cal J. Eustaquio" <ceustaqu@polymail.cpunix.calpoly.edu>
To: boatanchors@theporch.com
Subject: Drake CW set up.
Message-ID: <Pine.A32.3.96.970824164035.825777C-1000000@violin.aix.calpoly.edu>

Hi:

Just set up me frugal Drake station in the garage yesterday, complete with
2NT, R-4A, MS-4, and a MFJ tuner and began tapping out a "CQ" about 9 PM
PST. Didn't get any response until I worked a 0-land station in Montana.
About 569 both ways but lost contact due to QSB and heavy QRN. However, I
was elated that my set up worked. I'm for sure going to QSL this contact
as I handn't been on the air working CW for nearly 4 years now (or working
any HF for that matter). I have to admit it's a joy to work on the air
with equipment you've restored. Bad news, though. I may have to change out
the filter cap on the 2NT. Audible thumping hum when I first turn it on.
>From an earlier "reforming caps" post, I heard it is probably the filter
cap becoming leaky and going south. Even looking at the edge of the cap, I
can see some minute corrosion where I think some electrolyte may have
leaked out on the chassis. Not good. Frontier Caps, here I come. Restuff
this old can! O.k. folks, not much else but keep them bottles glowing.

73. Cal.

Date: Sun, 24 Aug 1997 21:39:34 GMT
From: "Robert S. Ross" <radiorob@serix.com>
To: boatanchors@sco.theporch.com
Subject: NIB 1L6 Tube for Sale/Trade
Message-ID: <3.0.16.19970824205904.376fa41a@serix.com>

Hello:

A while back there were a few people looking for a 1L6 tube I believe for the Zenith Trans-Oceanic??? I have a NIB General Electric (Canada) 1L6 Tube that I will sell or trade for something interesting. Does anyone need this?? If so...please Email me at....
radiorob@serix.com with your offer....cash or ????

Thanks..73...ROB.

Date: Sun, 24 Aug 1997 20:22:21 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Robert Fowle <hammarlund@jacksonmi.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 2 NEW TOYS ARRIVE....COLLINS..&
Message-ID: <Pine.ULT.3.96.970824202119.10554A-1000000@admin.aurora.edu>

On Sun, 24 Aug 1997, Robert Fowle wrote:

> all i need is to gather the rest of what i need to put a real (low
> power) BC station on the air...(no license required if below 100 watts
> according to new ruling by FCC..

Where did you hear this one?

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Date: Sun, 24 Aug 1997 21:16:40 -0700
From: Gerry Maira <gm@netsync.net>

To: boatanchors@theporch.com
Subject: Bliley "E" Award
Message-ID: <34010727.261F@netsync.net>

For sale:

A booklet that was given to each employee of Bliley Electric when the company was given the E award on Dec. 9th, 1942. It has a soft cover and measures 5 1/4" x 8 1/4". On the cover is a red and blue pendant flag with white lettering "ARMY", "NAVY" and an "E" with a gold wreath around it. The cover also reads:

THE ARMY-NAVY AWARD
TO BLILEY ELECTRIC COMPANY
FOR PRODUCTION EXCELLENCE

There are two red, white and blue "braided" cords that wrap through the centerfold and over the extreme left side of the cover.

On the rear cover is a drawing of a Bliley crystal with yellow and blue stars floating around it.

Inside the booklet are six pages that include:

A description of what the E award is and it's history.

A reduced copy of a letter from the Under Secretary of War to the Bliley employees informing them of the award.

The date and time of the award presentation and a description of the ceremony.

A list of the officials present.

An "Honor Roll" of Bliley employees in service.

A history of Bliley.

A full page drawing with a Bliley crystal surrounded by a tank, a battleship, a plane, etc.

According to the booklet, a lapel pin was also given to each employee, but I don't have this.

Condition is very good, except for half of a small coffee cup ring on the cover.

I have no idea what to ask for this, so I am open to offers.

73,
Gerry Maira KA2MGE

Date: Sun, 24 Aug 1997 21:14:22 -0400
From: Mike Sullivan <michaels@kc2kj.k2nesoft.com>
To: Old Tube Radios <boatanchors@theporch.com>

Subject: Kwm-2; SR-2000 ; Clegg Appollo Six, Yaseau 757GX for sale!
Message-ID: <3400DC6E.741D985F@kc2kj.k2nesoft.com>

I want some new toys and must part with some old ones to make room and cash available! I am posting to the list first for the vacuum crowd:

a. Collins KWM-2A Winged Emblem.

Perfect operating condition. With PM-2 supply, Crystal pack, and DX Engineering Speech processor all installed. Have old manual as well as new Collins (Rockwell) manual with all updates detailed. Unit works fine, has some scratches on main tuning knob metal insert (not objectionable) and some scratches around front panel trim ring. This is a blue-collar working radio and has been one of my favorite. Tuning is smooth, not stiff. 100 watts output. Sounds good \$750 for the whole lot:

KWM-2A with D1-4 microphone

PM-2

Crystal Pack

DX-Engineering Speech processor (copy of manual)

Original Collins manual and updated ((0.5 inch) thick Rockwell manual).

b. Halicrafters 2KW SR-2000 Transceiver

This I will part with feeling like I am losing a friend. Receiver and transmitter works fine but there is a problem with the tune-up circuitry in that the audio osc. occasionally does not work. Works full output power otherwise, even when the internal tune-up audio osc does not work. Receiver works fb as well. 900 watts output from the pair of 8122 tubes. Comes with the power supply, manual (some what ragged condition), and computer reconstructed manual (a pet project of mine, almost complete). The front panel is fine; however the case has been repainted and doesn't look bad, but is clearly not original. \$700 This will be shipped in two boxes since the power supply is so heavy.

c. Clegg Appollo Six Amplifier

One from the later stages of the golden days of six meters. Full output of about 200-250 watts into my Heath wattmeter (not very accurate at this frequency I am sure). Dusty but in very useful condition. Used on six from time to time with my sixmeter Yaseau transverter.

d. Yeasu 757GX and friends

Complete Yaseu 757GX station for sale includes the following:

757GX with microphone

757AT - Automatic Antenna Tuner

FTV-707 Transverter with 6 meter transverter module

FTV-107R Transverter with 2 meter transverter module

\$900 for this lot. Will consider separating transverters from package.

Will not separate 757 transceiver from antenna tuner unless antenna

tuner sold first. Have original packing for transceiver and tuner,

original manuals, and service manual. All in good, almost new condition.

Prices do NOT include shipping and packing from Southern New Jersey. I will pack the radios in double boxes, etc to help ensure delivery but, no promises made. Of course prefer local pickup since safe delivery assured.

Contact me via email or at home at 609-662-9311

Mike
kc2kj

Date: Sun, 24 Aug 1997 21:18:13 -0400
From: Mike Sullivan <michaels@kc2kj.k2nesoft.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Apollo Six Price ----
Message-ID: <3400DD55.2D5D9ECB@kc2kj.k2nesoft.com>

Oops, forgot to list the price for the Apollo Six Amp: \$250

Clegg Appollo Six Amplifier

One from the later stages of the golden days of six meters. Full output of about 200-250 watts into my Heath wattmeter (not very accurate at this frequency I am sure). Dusty but in very useful condition. Used on six from time to time with my sixmeter Yaseau transverter.

Date: Sun, 24 Aug 1997 21:05:08 -0500
From: Mike Sanders <k0az@i1.net>
To: boatanchors@theporch.com
Subject: Harvey Wells R9A.....Sorry guys
Message-ID: <3.0.16.19970824210501.2b775182@i1.net>

Greetings and Apologies to all,

From the response on this receiver I guess I should have bought it and made it available to the list. I simply did not expect that much interest in the little receiver. I do not know the fella who had it and have no way of finding him either. Again sorry folks. 73, Mike K0AZ

Date: Sun, 24 Aug 97 20:59:05 PDT
From: "Eric A. Jones" <eaj@hiwaay.net>
To: boatanchors@theporch.com
Subject: RTTY controller
Message-ID: <MAPI.Id.0016.00616a20202020203030303330303033@MAPI.to.RFC822>

from eaj@hiwaay.net

The recent discussion about RTTY encouraged (if you saw my equipment dump, you'd know how literal the word is) me to dig out a s*1*d-st*t* RTTY = controller, built from some QST or such article from a time ago. It uses = IC's LM 709C, SN7404, (2) LM3900, (2) LM1458, NE556, & 8432. I'll bet = someone will recognize the design; I'm not into RTTY, and acquired 3 of = these (I have one left) in a odd-lot buy-out.

There's two loose wires; one went to an LED, the other to a phone jack = on the back. It uses AC power, and has a 9-pin serial jack on a short = cable. I have ABSOLUTELY no info on this, other than that a local Ham = built them. (He came by our Club swapmeet and recognized them. He said = he'd built some 6 of them; he marveled so much I gave him one, just for = auld lang syne.)

Since I haven't a clue what they're worth, or even how they're used, = I'm gonna use MY "Rules of Beware". I'm giving preference to anyone who = can identify the source of the circuit and approximately how it's used. = Interesting trades (I'm into mil-surp artifacts) are second-on.

Anybody have a clue?

My sell/trade list (scouring the dump was useful) is available upon request.

de N4TGC

End of BOATANCHORS Digest 1638

>From ???@??? Mon Aug 25 19:45:30 1997

Message-Id: <199708252220.RAA29458@sco.theporch.com>

Date: Mon, 25 Aug 1997 17:20:25 CDT

Subject: BOATANCHORS digest 1639

BOATANCHORS Digest 1639

Topics covered in this issue include:

- 1) EF Johnson, Hammarluns, and Cardwell..
by "Herbert M. Rosenthal" <herbrose@lobo.net>
- 2) ARR-15 Schematics
by David Prince <davprin@gil.com.au>
- 3) 1000W Freeband??
by n5off@w5ddl.aara.org
- 4) HQ170A manual
by laffitte@prtc.net (laffitte)
- 5) WTB: URM-25 Sig Gen
by rsolomon@tsd.textron.com

- 6) Ham-trans network
by bdhall@ghg.net (Benjamin D. Hall)
- 7) Need Ed Matsuda's Phone Number
by rsolomon@tsd.textron.com
- 8) SSB Question
by jproc@bellglobal.com (Jerry Proc)
- 9) =?iso-8859-1?Q?RE=3A_1=1B000W_Freeband=3F=3F?=
by Ed Sieb <esieb@gmsiworld.com>
- 10) RE: SSB Question
by Ed Sieb <esieb@gmsiworld.com>
- 11) Re: SSB Question
by Bob Roehrig <broehrig@admin.aurora.edu>
- 12) Re: SSB Question
by 4CX250B@miavx1.acs.muohio.edu
- 13) SRR-13 power supply versions
by "P. J. Rovero" <provero@connix.com>
- 14) Intrnatl. Xtal. A.O.L. RXs exist?
by MNHopkins@aol.com
- 15) Re: SSB Question
by Ken Gordon <keng@uidaho.edu>
- 16) Re: SSB Question
by "David L. Thompson" <thompson@mindspring.com>
- 17) Phone number ERROR in my: EFJ and Hammarlund..
by "Herbert M. Rosenthal" <herbrose@lobo.net>
- 18) ADMINISTRIVIA: Posting Admin Requests
by Mail List Owner <listown@jackatak.theporch.com>
- 19) FS: NATIONAL COILS
by aculbert@pps1-po.phyp.uiowa.edu
- 20) Swan 350 with PS both AC&DC
by WA6GYD@aol.com
- 21) Re: SSB Question
by Ken Gordon <keng@uidaho.edu>
- 22) Re: SSB Question
by Sandy W5TVW <ebjr@worldnet.att.net>
- 23) C-W Xtal Announcement
by tomrice@netcom.com (Tom R. Rice)
- 24) 1950's & 60's VHF/UHF Gear
by rsolomon@tsd.textron.com
- 25) RE: SSB Question
by Ed Sieb <esieb@gmsiworld.com>
- 26) Re: 1000W Freeband??
by Al Klase <skywaves@bw.webex.net>
- 27) WOODEN 6V6 TRANSMITTER
by Bob Reynolds <breynold@sigg.com>
- 28) FS Collins 75A4
by "Robert Sullivan" <drbob@ncci.net>
- 29) Military BA Equipment
by Surplus Al <surplsal@tl.infi.net>

Date: Sun, 24 Aug 1997 23:27:03 -0600
From: "Herbert M. Rosenthal" <herbrose@lobo.net>
To: BoatAnchors <boatanchors@theporch.com>
Subject: EF Johnson, Hammarluns, and Cardwell..
Message-ID: <340117A4.1140@lobo.net>

Fellow linear amp and antenna tuner builders:

Yes, many of the EFJ components we learned to love as children, and those of Hammarlund, are and have been manufactured by the Cardwell Condenser Corporation, 80 East Montauk Highway, Lindenhurst, Long Island, New York 11757, for some time. Their phone number is (616) 957 7200.

I obtained this info from Johnson a few months ago, while trying to track down info on their old 226-1 rotary inductor. EFJ is no longer in the component business. Apparently they sold this division to Cardwell. Believe it or not, Cardwell sent me catalogs for the EFJ inductors and capacitors, and Hammarlund capacitors ...pictures of components from my childhood. APCs, edgewound coils, butterflies, etc! No prices, though; call for price and availability. And it is possible they want you to order through some distributor, but they didn't say so.

The gentleman there most familiar with these products is Mr. David Chelsen. He told me that they will make you any item in 30 days ARO if it's not available off-the-shelf. I don't know what their \$\$ minimum order is; the 221-1 (a new unit is now \$346.35, the mother-of-all rotary inductors..22.5uH, 10A@30mHz, edgewound silver plated, 1/8" x 14"..about 14" long..industrial strength in every way). The replacement slider is \$70and 30 days.

I thought I'd build a replacement slider, and it is possible, though difficult. It has to rotate as the pitch changes, as well as make contact to both the coil and the slider bar..at 10 amps...

So, now you know where EFJ and Hammarlund COMPONENTS hide. And you know I have a 221-1, pristine condition after I spent hours polishing it, less slider, for sale (\$100 plus shipping from Albuquerque). Hope this helps the BA bunch.

Herb Rosenthal W5AN

Date: Mon, 25 Aug 1997 18:55:56 +1000
From: David Prince <davprin@gil.com.au>
To: Boatanchors <boatanchors@sco.theporch.com>
Subject: ARR-15 Schematics
Message-ID: <3401489A.D7E57C64@gil.com.au>

G'day Gang,

I am looking for the schematics for the ARR-15. Or a copy of manual. Does anyone have the schematic on a web page. Thanks

--

Dave Prince VK4KDP
davprin@gil.com.au

Brisbane Military Radio Collection

Date: Mon, 25 Aug 1997 11:24:26 UTC
From: n5off@w5ddl.aara.org
To: boatanchors@theporch.com
Subject: 1000W Freeband??
Message-ID: <72213@w5ddl.aara.org>

Robert wrote:

"now, all i need is to gather the rest of what i need to put a real (low power) BC station on the air...(no license required if below 100 watts according to new ruling by FCC..just need to find out in what band(s) or segments of..
"

100W can do a lot of interfering.

I doubt Robert or the FCC meant 100W. Maybe .100 W or 1W.

Tom

Date: Mon, 25 Aug 1997 08:48:43 -0300
From: laffitte@prtc.net (laffitte)
To: boatanchors@theporch.com
Subject: HQ170A manual
Message-ID: <3401711B.44BD@prtc.net>

Hi BAers. I will readily appreciate if anyone can provide me with a copy of the HQ170A manual. I need to do some retuning on mine and my manual was loaned some years ago and never came back. I consider the HQ170A one of the best ham receivers ever made. My best contacts were made on one of these paired with a DX100. Now I dread the day when I sold my DX100 and finding another one around here will not be easy.

Talking about tubes that test good and are not, I had a problem with the 15 meter band in the HQ170A. When I tested the 6C4 HF osc. tube it was OK. I placed it back and the problem persisted so I started to think about component failure. Nonetheless I decided to replace the tube and everything started to work OK with the new tube. In other words, if you suspect a tube, test a replacement before going into major surgery.

Best 73s

Guido E. Santacana KP4FAR
BA collector in the tropics
San Juan, Puerto Rico

Date: Mon, 25 Aug 97 08:51:05 EDT
From: rsolomon@tsd.textron.com
To: boatanchors@theporch.com
Subject: WTB: URM-25 Sig Gen
Message-ID: <9707258725.AA872524476@cctds.tsd.textron.com>

Looking for later version (-E, -F or -G) of the URM-25
Signal Generator. Want one in good, clean working condition.
Will talk \$\$ or have URM-26A (w/manual) as trade goods.
Anyone have one ?? Will call FRS when they open.

Tnx, Dick, W1KSZ

Date: Mon, 25 Aug 1997 08:01:57 -0500
From: bdhall@ghg.net (Benjamin D. Hall)
To: boatanchors@sco.theporch.com
Subject: Ham-trans network
Message-ID: <3.0.32.19970825080154.0068c72c@mailman.ghgcorp.com>

Greetings y'all.

All of us have chatted about giving BA's rides when we go on vacation to prevent treasures from getting eaten by the Big Brown Trucks. So...

Sometime before Christmas, I am going to be driving from Houston TX to Huntsville AL (thru Beaumont, Lake Charles, New Orleans/Slidell, Hattiesburg, Tuscaloosa, Birningham) and returning around New Year's. While the car won't be empty, I should have room for some smaller gear at least on the way there (nothing large - it is a small car, a Ford Probe). I might not have any room on the way home, as I'll be coming home with at least one antique engine in the trunk, but I may have room - we'll see.

So, let me know if anything needs a ride.

Thanks and 73,
Ben

Date: Mon, 25 Aug 97 09:28:40 EDT
From: rsolomon@tsd.textron.com
To: boatanchors@theporch.com
Subject: Need Ed Matsuda's Phone Number
Message-ID: <9707258725.AA872526574@cctds.tsd.textron.com>

Fellow in San Diego who sells manuals, lost his phone number,
anyone have it ??

Tnx, Dick, W1KSZ

e-mail direct to rsolomon@systems.textron.com

Date: Mon, 25 Aug 1997 10:05:24 -0400
From: jproc@bellglobal.com (Jerry Proc)
To: boatanchors@theporch.com
Subject: SSB Question
Message-ID: <34019124.7D7D@bellglobal.com>

Dear BA'er,

Over the weekend, I was asked a question for which I had no answer. By convention, hams run lower sideband below 7 Mhz and upper sideband on 14 Mhz and above.

If the 'intelligence' in the sidebands is identical, why not pick one or the other and stick with it?

Regards,
Jerry Proc VE3FAB
jproc@bellglobal.com
HMCS HAIDA Naval Museum, Toronto Ont.

Date: Mon, 25 Aug 1997 10:29:02 -0400
From: Ed Sieb <esieb@gmsiworld.com>
To: Old Tube Radios <boatanchors@theporch.com>

Subject: =?iso-8859-1?Q?RE=3A_1=1B000W_Freeband=3F=3F?=
Message-ID: <01BCB141.B70E75A0@dstephen.gmsiworld.com>

Hmmm... 100 _m_W sounds more like it to me. !00 watts and a good antenna will go very, very far on the BC band!

Ed, VA3ES

Date: Mon, 25 Aug 1997 10:34:48 -0400
From: Ed Sieb <esieb@gmsiworld.com>
To: Old Tube Radios <boatanchors@theporch.com>,
 "Jerry Proc"
Subject: RE: SSB Question
Message-ID: <01BCB142.843A4360@dstephen.gmsiworld.com>

Sometime back in the mid-'50's, hams decided to more-or-less conform to = commercial practices and follow suit regarding which sideband to use = where.

So, by loose convention, hams use LSB below 10 MHz and USB above 10 MHz. When Collins and others started making SSB rigs using heterodyne mixing = schemes and 5 MHz VFO's and 9 MHz IF's, the schemes resulted in the = lower sidebands being produced on 80 and 40 meters and upper sideband = on 20, 15 and 10. The convention has remained ever since.

Ed, VA3ES

Date: Mon, 25 Aug 1997 09:38:35 -0500 (CDT)
From: Bob Roehrig <broehrig@admin.aurora.edu>
To: Jerry Proc <jproc@bellglobal.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: SSB Question
Message-ID: <Pine.ULT.3.96.970825093256.23234A-1000000@admin.aurora.edu>

On Mon, 25 Aug 1997, Jerry Proc wrote:

> Over the weekend, I was asked a question for which I had no answer. By
> convention, hams run lower sideband below 7 Mhz and upper sideband on 14
> Mhz and above. If the 'intelligence' in the sidebands is identical,

> why not pick one or the other and stick with it?

I think that convention was from the early days when the popular scheme was to use a 5 to 5.5MC VFO and a 9MC IF. That way, you could get both 80 and 20 meters easily by either simply adding the two or taking the difference.

It seems that most commercial services use USB wherever they are at.

E-mail broehrig@admin.aurora.edu 73 de Bob, K9EUI
CIS: Data / Telecom Aurora University, Aurora, IL
630-844-4898 Fax 630-844-5530

Date: Mon, 25 Aug 1997 10:54:12 -0500
From: 4CX250B@miavx1.acs.muohio.edu
To: boatanchors@theporch.com
Subject: Re: SSB Question
Message-ID: <v03007805b027573506f0@[134.53.5.143]>

>Dear BA'er,
>
> By convention, hams run lower sideband below 7 Mhz and upper sideband on 14
>Mhz and above.
>
>If the 'intelligence' in the sidebands is identical, why not pick one or
>the other and stick with it?
>
>
>Regards,
>Jerry Proc VE3FAB

Hi Jerry,
I believe the reason is because of circuit simplicity. The conversion scheme of many early ssb designs used 9Mhz as an intermediate frequency, with a VFO that tuned 5.0-5.5MHz. To cover 80 meters, difference mixing was used (9,000 kHz - 5000 kHz = 4,000 kHz, and 9000 kHz - 5,500 kHz = 3,500 kHz). To cover 20 meters, the frequencies were added. The sidebands are inverted when difference mixing is used, thus turning an USB signal into an LSB signal. More complicated double conversion schemes used xtal oscillators in conjunction with the VFO to generate signals on the desired band. However, normally, difference mixing was used to obtain the lower bands (160, 80,40 meters) and summing mixers were used for the higher frequencies. This choice reflected a compromise between frequency stability (which is easier to obtain with a low frequency VFO) and image rejection (which benefits from high frequency IFs).

73,

Jim Garland W8ZR

Date: Mon, 25 Aug 1997 10:53:14 -0400 (EDT)
From: "P. J. Rovero" <provero@connix.com>
To: boatanchors@theporch.com
Subject: SRR-13 power supply versions
Message-ID: <Pine.BSI.3.95.970825104804.28069A-1000000@comet.connix.com>

The original SRR-11/12/13/13A series uses two 6x4's, a 1HT4 ballast, plus a VR tube....

The "latest" version replaces the 6x4's and 1HT4, keeps the VR tube.

Found in one of my "carcasses" a third iteration; looks like a Navy mod to replace only the ballast tube. A 7-pin plug goes into the ballast socket, small harness connects to components mounted to receiver frame vice power supply module.

Will investigate the manual and receiver more thoroughly; there might be an "approved/authentic" substitute for the 1HT4.

P. J. "Josh" Rovero	email: provero@connix.com
Oceanographer	work: rovero@sonalysts.com
Meteorologist	radio: KK1D
Curmudgeon at Large	web: http://www.connix.com/~provero/

Date: Mon, 25 Aug 1997 11:24:08 -0400 (EDT)
From: MNHopkins@aol.com
To: Boatanchors@theporch.com
Subject: Intrnatl. Xtal. A.O.L. RXs exist?
Message-ID: <970825112257_973210803@emout08.mail.aol.com>

I am an International Crystal ham rig collector and thru multiple kindnesses have assembled the STP-50 6M TX (3) and the STP-10 Modulator (3) plus the M1 converter holder, one or two 6M to 20M converters and a pair of preamps: In short a complete 1958 Station for 6M, but what receiver?

It turns out that International Crystal also made receivers, although I have never seen one or talked to anyone who has. The Oklahoma City corporation will not talk to anyone about these products.

According to ads, the RXs were modular like the TXs -- they were in little aluminum boats that fit into a upturned chassis or a pair of siderails. (See Popular Electronics, May, 1959, p.93 et sic, Stoner, Donald L., W6TNS, for an example of the system as applied to the TXs and converters.) You might imply from the citation that I have done a lot of research on this, and you are right, but no luck on the RXs.

It seems the RXs were available for any frequency range and I read in an ad that they were all superhets except the VLF model. It would seem they had separate tuner and IF and Audio modules and the picture shows a Tuner with primitive dial sticking up from an unenclosed module.

If you have some of these, on any frequency whatever, please e-mail as below. Or if you know someone who does or if you have any literature on them. The goal of an all International Crystal 6M station may seem bizarre to some, but I was cited by Stu Stevens, K8SJ, after the 1981 Classics Exchange for running an entry all on 6M AM "using a WRL Globe Hibander VHF-62 driven by a Meissner Deluxe (what else?) Signal Shifter and receiving (hold on to your hats!) with a Hallicrafters Sky Buddy II with a Gonset Triband converter. Makes you want to laugh/cry/applaud all at once, doesn't it!?"

Stu, always too kind, is gone now, but he would understand this quest too.

de ab5l, michael in dallas, collector of International Crystal ham products, Tecraft and mementoes of 6M's Golden Age: 1957-58.

Date: Mon, 25 Aug 1997 08:47:36 -0700 (PDT)
From: Ken Gordon <keng@uidaho.edu>
To: Jerry Proc <jproc@bellglobal.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: SSB Question
Message-ID: <Pine.BSF.3.95.970825084557.9131C-100000@piobaire.mines.uidaho.edu>

On Mon, 25 Aug 1997, Jerry Proc wrote:

> Dear BA'er,
>
> Over the weekend, I was asked a question for which I had no answer. By
> convention, hams run lower sideband below 7 Mhz and upper sideband on 14
> Mhz and above.

>
> If the 'intelligence' in the sidebands is identical, why not pick one or
> the other and stick with it?

Because most of the very first ham SSB rigs used a 9 mhz IF and the same heterodyne crystal could put you on 80 or 20, but with opposite sidebands.
 $9\text{ MHz} + 5\text{ MHz} = 14\text{ MHz}$, and $9\text{ MHz} - 5\text{ MHz} = 4\text{ MHz}$.

Ken W7EKB

Date: Mon, 25 Aug 1997 12:03:52 -0400 (EDT)
From: "David L. Thompson" <thompson@mindspring.com>
To: boatanchors@sco.theporch.com
Subject: Re: SSB Question
Message-ID: <1.5.4.16.19970825110758.2f072698@pop.mindspring.com>

At 10:05 AM 8/25/97 -0400, jproc@bellglobal.com wrote:

>Dear BA'er,
>
>Over the weekend, I was asked a question for which I had no answer. By
>convention, hams run lower sideband below 7 Mhz and upper sideband on 14
>Mhz and above.
>
>If the 'intelligence' in the sidebands is identical, why not pick one or
>the other and stick with it?
>
>

Jerry,

A very good question...In the early days of SSB most ssb generators and modulators worked against a 9Mhz (err..mcs) circuit. Everything above 9Mhz was high side hence USB. Everything below was lower hence LSB.

There is absolutely no reason why this convention would remain today except tradition.

One of the primary reasons for SSB was that it got rid of the carrier and cut the voice signal in half thus you could get twice as many QSO's in the same space. Early on it was hoped that you could double that again by having USB and LSB exist on the same frequency. In practice, this never did work because you only reduce the other sideband not eliminate it and even to this day most receivers still pick up overload garbage along with the other sideband (down 40 to 50 DB). On an S9 signal this is about 90% receiver problem and 10% transmission.

Dave K4JRB

>Regards,
>Jerry Proc VE3FAB
>jproc@bellglobal.com
>HMCS HAIDA Naval Museum, Toronto Ont.
>

Date: Mon, 25 Aug 1997 10:05:36 -0600
From: "Herbert M. Rosenthal" <herbrose@lobo.net>
To: BoatAnchors <boatanchors@theporch.com>
Subject: Phone number ERROR in my: EFJ and Hammarlund..
Message-ID: <3401AD4E.2455@lobo.net>

Ooops..Sorry, wrong number in my note on EFJ and Hammarlund:

The correct phone number is (516) 957 7200.

NOT (616) as in the note.

Sorry for any inconvenience my typo may have caused you. I use the
Columbus* method of keying, and it doesn't always come out 100%.

* Find a key and land on it:-).
Herb Rosenthal W5AN

Date: Mon, 25 Aug 97 11:15:00 CDT
From: Mail List Owner <listown@jackatak.theporch.com>
To: boatanchors@sco.theporch.com
Subject: ADMINISTRIVIA: Posting Admin Requests
Message-ID: <9708251115.aa14147@jackatak.theporch.com>

Gang-

Please accept this periodic posting as it is intended:
A suggestion that will help everyone on the list...

If there is a problem with your email, i.e., the list suddenly stops coming
to you, PLEASE address any questions and seek help from:

listown@jackatak.theporch.com

There is really no one on the list who can help you with a problem, and if I don't happen to see your post, nothing will happen, except you may irritate the other list members... needlessly.

Treat the list as a symposium.

In such an environment, with many folks attending who have paid to be here, it is unlikely you would take up the symposium's resources to solve an individual problem with your seating...

So, if you encounter a problem, PLEASE remember to send your questions to me, the one person who can help, at:

listown@jackatak.theporch.com

Thanks for your attention

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -

listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

Date: Mon, 25 Aug 97 09:01 CST

From: aculbert@pps1-po.phyp.uiowa.edu

To: boatanchors@theporch.com

Subject: FS: NATIONAL COILS

Message-ID: <199708251707.MAA12018@cc-gate.uiowa.edu>

I have for sale two lots of original National plug in coils for the SW-3 and SW-5 receivers.

Lot #1

4 pairs of coils for the National SW-5 as follows:

#10 set "brown dot" 9 - 15 meters general coverage

#11 set "black dot" 14 - 25 meters general coverage

#12 set "red dot" 23 - 41 meters general coverage

#14 set "green dot" 65 - 115 meters general coverage

Along with the above coils will be included two original blueprints from Jackson Engineering of Malden, Mass. covering the SW-5. One blueprint is a pictorial of the SW-5 underchassis components and the other is the electrical diagram for the SW-5.

The coils are in very good condition, no cracks, no broken wires, etc. The

blueprints are somewhat fragile, being 66 years old and folded.

The above lot shipped to CONUS address for \$120

Lot #2

2 pairs of SW-3 coils as follows:

40 meter coil pair

80 meter coil pair

Coils are in very good condition.

I will ship this lot to CONUS addresses for \$40.

I would look MOST FAVORABLY on an offer of these items being a partial trade on a Collins 310C-1 or 2 vfo.

Al, K0AL

allan-culbert@uiowa.edu

Date: Mon, 25 Aug 1997 13:12:50 -0400 (EDT)
From: WA6GYD@aol.com
To: boatanchors@theporch.com
Subject: Swan 350 with PS both AC&DC
Message-ID: <970825131135_-1234772990@emout15.mail.aol.com>

Swan 350 with the 117X ps and the plug in DC inverter.

I turned it on and tuned through 40 and 20 and the reciver works. I did not try the Xmitter. Condition is an 8 no dents or dings. Weight about 30#. \$140.00

Don

Date: Mon, 25 Aug 1997 10:42:23 -0700 (PDT)
From: Ken Gordon <keng@uidaho.edu>
To: "David L. Thompson" <thompson@mindspring.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: SSB Question

Message-ID: <Pine.BSF.3.95.970825103835.10909A-100000@piobaire.mines.uidaho.edu>

> same space. Early on it was hoped that you could double that again by
> having USB and LSB exist on the same frequency. In practice, this never did
> work

This DOES work (the military does it all the time) BUT the two stations have to be on EXACTLY the same frequency. I believe it is called ISB (Independent Side Band). We used to use it on MARS when we did 'phone patching for the Vietnam troops.

It is not in the very nature of hams to ever operate on EXACTLY the same frequency, which is probabaly why it was never used on the ham bands much. It works just fine for "channelized" work.

Ken W7EKB

Date: Mon, 25 Aug 1997 17:56:18 +0000
From: Sandy W5TVW <ebjr@worldnet.att.net>
To: jproc@bellglobal.com, boatanchors@theporch.com
Subject: Re: SSB Question
Message-ID: <19970825175617.AAA28163@LOCALNAME>

At 02:05 PM 8/25/97 +0000, you wrote:

>Dear BA'er,

>

>Over the weekend, I was asked a question for which I had no answer. By
>convention, hams run lower sideband below 7 Mhz and upper sideband on 14
>Mhz and above.

>

>If the 'intelligence' in the sidebands is identical, why not pick one or
>the other and stick with it?

>

>

Way back in the beginning (in the 1950's) there was a homebrewed SSB exciter called the "SSB Jr". It generated it's SSB at 9 Mhz. The Central Electronics "Phasing" rigs (10A, 10B, 20A) were patterned from this little rig. At that time, there was no 40 meter "phone" and most SSB activity was either on 75 meters or 20 meters. The Central Electronics exciters were very popular. The mode switch was labelled "SB1" and "SB2". "SB1" wound up being upper sideband on 20 meters and lower sideband on 75 meters (due to the 5 Mhz VFO sum and difference frequencies with the 9 Mhz SSB generator frequency.)

My opinion was that it was "convienance" or just plain laziness on the

part of most hams! Why turn an extra switch when you changed bands?
Leave it in ONE position and accept the outcome! (Upper on 20 and lower on 75)
When 40 meters came along, lower sideband was accepted as sort of a
"Gentlemen's Agreement". The FCC has never imposed any standard as to
what the preferred sideband was in the Amateur Radio Service.

Commercially, everything is Upper sideband except in the case of
Shortwave
broadcast "feeder" stations, where "ISB" will be found! i.e.: independent
programs on upper and lower sideband of the same suppressed or
reduced carrier. The Amateur Service was using SSB long before it was adopted
for Maritime and Aeronautical services, who standardized on USB.

This is my guess, having been around and active at the time when early
SSBers bragged about doing the same job with 10 watts PEP of SSB that took
100-250 watts of AM phone! The pity is that they soon went "power mad" as
the 304TL grounded-grid amplifier became cheap to build and easy to use.

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive,

Metairie, LA., 70001

ebjr@worldnet.att.net

Looking for: Hallicrafters SR-75 Transceiver

RK-34(VT-224) tubes, Butternut HF2V antenna

Date: Mon, 25 Aug 1997 11:28:51 -0700 (PDT)

From: tomrice@netcom.com (Tom R. Rice)

To: boatanchors@sco.theporch.com (boatanchors list)

Cc: glowbugs@www.atl.org (free glowbugs)

Subject: C-W Xtal Announcement

Message-ID: <199708251828.LAA09291@netcom17.netcom.com>

A message from John (C-W) Morris.

Please direct replies to him, not me, the mere bearer.

73 de WB6BYH

> Hi gang,

>

> I just wanted to remind everyone that there are only 7 days left in which to

> send in your order if you want to get in on the 80 meter crystal group

> offers which I'm running till the end of August.

>

> 73 John

>

>
> John Morris
> C-W CRYSTALS (Formerly Phoenix Crystals)
> 1714 NORTH ASH ST.
> NEVADA, MO 64772
>
> Phone: (417) 667-6179
> FAX: (417) 667-6169
> E-mail: phxtal@nava-link.net
>
> Supplying custom crystals for Vintage Equipment, QRP'ers, Amateurs, and
> Experimenters since 1933.
>

Be Alert! America Needs More Lerts!

--
"Start off every day with a smile and get it over with." --W.C.Fields
Tom R. Rice
tomrice@netcom.com

Date: Mon, 25 Aug 97 14:30:02 EDT
From: rsolomon@tsd.textron.com
To: boatanchors@theporch.com
Subject: 1950's & 60's VHF/UHF Gear
Message-ID: <9707258725.AA872548180@cctds.tsd.textron.com>

The recent posts about Techcraft and Tapetone bring back old memories of those days on 6 & 2 meters. Boston was a hotbed of 6 meter activity back then, with stations monitoring 50.550 Mc for so long the receiver tuning dial froze in place (really !!). Us pedestrian types used Techcraft Converters into a BC-312/348 tuneable IF with the BC-453 Q-5'ver as the third IF for more selectivity. The plebians used Tapetone converters and a couple of the elite (so they thought !!) used the Tapetone Receiver, a very expensive tuneable IF. Transmitters were mostly homebrew, 6146 final, from QST article by Ed Tilton, antennas by Cushcraft (yes, even back then).

As VHF/UHF activity grew across the country, other manufacturers appeared, one I remember was Parks, built the best converters you could buy.

Anyone remember the little magazine from the Northwest, The VHF'er I think it was called. They published the first article (in a ham magazine) about the TIXM-05 TI transistor, so hot it approached NF levels of a parametric amp. TI actually pulled the device off

the market until they understood what they had done so they could replicate it in mass quantity.

Enough of this, I hope all my facts are straight as it's been a while. BTW, I knew the guy who worked Africa, Rhodesia I think, with a "Gooney" Box on 6 AM. I have more stories if warranted.

Those were the days 73, Dick, W1KSZ

Date: Mon, 25 Aug 1997 16:00:01 -0400
From: Ed Sieb <esieb@gmsiworld.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: SSB Question
Message-ID: <01BCB16F.F9087AE0@dstephen.gmsiworld.com>

ISB (Independent Side band) works very well for VOA, and many other =
broadcasters who use it for interstation relay service.
I have a RACAL M1720 exciter which produces ISB as well as USB and LSB =
with the unwanted sideband suppressed at least 75 dB or more. I guess =
commercial and mil-spec devices work better at this. As well, =
long-distance telephony used a variant of SSB and ISB for their FDM =
(frequency division multiplex) carrier systems and no-one ever =
complained there!

BTW, (so as to keep this topic "on-topic"), those M1720 exciters are =
occasionally available here in Canada. They will generate about 250 mW =
of AM, SSB (USB, LSB) reduced carrier AM (-6, -12 and -26dB), CW and =
RTTY. They're frequency synthesized in 1 KHz increments. However, while =
they are boat-anchor in heft and quality, they are, alas, fully solid =
state (IC's even!!).

=20

73, de Ed VA3ES/VE2BAQ (that's Boat Anchor Quality)

~~~~~  
Ed Sieb, VA3ES esieb@gmsiworld.com  
P. O. Box 8377, Ottawa Terminal, Ottawa, Ontario, K1G 3H8  
613-738-8924 (H) 613-599-5161 (W)=09  
AMI 529 Canadian Division Director, QCWA - AWA Member  
Net Manager - Canadian Boat Anchor Net (3745 Kcs)  
~~~~~

Date: Mon, 25 Aug 1997 16:10:40 -0400
From: Al Klase <skywaves@bw.webex.net>
To: n5off@w5ddl.aara.org
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: 1000W Freeband??
Message-ID: <3401E6BF.CF609EF@bw.webex.net>

Anchorites,

In the old days Part 15 of the FCC rules allowed unlicensed operation in the BCB at 100 milliwatts. There were, however, other severe restrictions like a ten foot total length for antenna and feed line. I doubt if things have gotten a whole lot more liberal.

73,
Al

n5off@w5ddl.aara.org wrote:

> I doubt Robert or the FCC meant 100W. Maybe .100 W or 1W.
>

Date: Mon, 25 Aug 1997 15:21:04 -0500
From: Bob Reynolds <breynold@sigg.com>
To: boatanchors@theporch.com
Subject: WOODEN 6V6 TRANSMITTER
Message-ID: <97Aug25.151712cdt.19764@firewall.sigg.com>

The September QST page 19 has a picture of the wood base 6V6 transmitter that was featured in the book "HOW TO BECOME A RADIO AMATEUR" in the early 1950's. Does anyone have a schematic and coil winding description of that transmitter that I can get a copy? That transmitter was my first and I feel like recreating it.

Thanks and
73, Red K5VOL

breynold@sigg.com (near Chicago)

R W Reynolds
835 Surryse Road

Lake Zurich, IL 60047

Date: Mon, 25 Aug 1997 15:20:34 -0000
From: "Robert Sullivan" <drbob@nccci.net>
To: <boatanchors@theporch.com>
Subject: FS Collins 75A4
Message-ID: <199708252023.PAA26933@sco.theporch.com>

Collins 75A4, serial#2051, original Collins manual, no speaker, Collins 4:1 gear reduction knob, no mods, all original, unit is in excellent condition, I rate it 9, original Collins 3.1 KHz ssb and 800 Hz cw mechanical filters, weight 35 lbs, estimate 40 packed. I will double box for UPS. \$800 and you pay shipping (estimate \$20)

Robert Sullivan, O.D.
K9SRL
drbob@nccci.net

Date: Mon, 25 Aug 1997 13:12:38 -0400
From: Surplus Al <surplsal@tl.infi.net>
To: boatanchors@theporch.com
Subject: Military BA Equipment
Message-ID: <3401BD06.819@tl.infi.net>

To the Military BA Collectors. There will be a Military Vehicle Rally At The Tobyhanna Army Depot Sept 4,5 & 6 Sept. I know there will be Some Mil BAS for sale. For more info Email me. Jack, hope I'm not out of line by this. Sorry if I am. 73 Al

End of BOATANCHORS Digest 1639
